

SHARP

LC-40LE820E



- 40" (101 cm) LCD TV
- HD ready 1080p with Quattron Technology
- Freeview
- Contemporary Full Flat and Seamless Front Design with edge LED backlight
- 100Hz
- Mega contrast
- Media Player via USB and Home Network (DLNA)
- Time Shift function built in for up to 150min SD or up to 60min HD video (depends on broadcast)

THE NEW SHARP QUATTRON. FOR COLOURS NEVER BEFORE SEEN ON TV. The Quattron is the world first, with a unique 4 colour technology giving you 1000 times more colour than any other television. By adding a yellow sub-pixel to the standard RGB colour matrix we can now produce shades of colour never seen before on TV. 22 years ago Sharp invented the LCD TV and now we have reinvented the technology. You have to see it, to see it.



Display

- Visible diagonal screen size cm / inch: **101 / 40**
- Panel resolution: **1920 x 1080**
- Panel technology RGBY / RGB: **yes/no**
- Panel sub pixels 8 Mega / 6 Mega: **yes/no**
- Panel technology 3D / UV²A: **no/yes**
- Panel colour processing
- HD ready 1080p / HD TV 1080p: **no/yes**
- HD ready / HD TV: **no/no**
- Backlight system LED / CCFL: **yes/no**
- Backlight type full / edge: **no/yes**
- 200Hz / 100Hz: **no/yes**
- Scanning backlight / local dimming / film dejuder: **no/no/yes**
- Smart AV Mode II / Mode I: **no/yes**
- Brightness (cd/m²) / contrast ratio
- Life time (h) / Reaction time (ms)
- Viewing angle horizontal / vertical: **176 / 176**

Reception system

- SDTV / HDTV (MPEG4, H.264): **yes/yes**
- DVB-S / DVB-S2: **no/no**
- DVB-C / DVB-C2: **yes/no**
- DVB-T / DVB-T2: **yes/no**
- Analog: **yes**
- Internet TV / Internet Radio: **no/no**
- Colour system NTSC (AV In) / PAL / SECAM: **yes/yes/yes**

Audio system

- Amplifier digital / 1 bit: **yes/no**
- Automatic Volume Control AVC: **yes**
- Virtual / Dolby Surround: **yes/yes**
- Dolby Digital Plus / TrueHD (optical drive): **no/no**
- DTS HD / High Resolution Audio (optical drive): **no/no**
- Number of Speakers (without Subwoofer): **2**
- Speakers: output power (W): **10 + 10**
- Number of Subwoofers: **1**
- Subwoofers: output power (W): **15**
- Soundsystem B/G, D/K, I, L/L', M: **yes**
- Soundsystem B/G, D/K, I, L/L': **no**
- HD Soundsystem MPEG4 AVC / MPEG4 AAC: **yes/yes**

Multimedia

- Teletext (pages): **2000**
- Electronic program guide (EPG): **7 days, 3 views, genres, timer**
- Capacity of internal HD drive / internal memory (GB): **- / 8**
- Timeshift on internal memory / USB connected device: **yes/no**
- Timeshift internal approx. duration (h) HD / SD: **1 / 2.5**
- DLNA media player for Video / Photo / Music: **no/yes/yes**
- USB media player for Video / Photo / Music: **yes/yes/yes**
- Player for Divx HD / DivX: **yes/yes**

Integrated optical drive

- BD drive / DVD drive: **no/no**
- Region code BD / DVD
- Profile BD-ROM R2.1 / R1.1: **no/no**
- BD-MV / BD-AV / DVD Video: **no/no/no**
- + DVD R RW DL / - DVD R RW DL: **no/no**
- Audio-CD / CD-MP3 / CD-WMA: **no/no/no**
- 1080p24 / Upscaling / x.v.Colour: **no/no/no**
- BD Live: **no**

Connectors

- HDMI V1.4 / HDMI V1.3: **1 / 3**
- HDMI Features : Ethernet Channel / Audio Return Channel: **no/yes**
- HDMI Features : 3D / 4K: **no/no**
- HDMI Features : Deep Color / x.v.Color: **no/no**
- HDMI Audio Formats : SA-CD / DVD-Audio: **no/no**
- HDMI Audio Formats : DTS-HD Master Audio™ / Dolby TrueHD: **no/no**
- AQUOS Link / standard CEC: **yes/no**
- SCART: **1**
- AV in / S-Video in / Component in: **yes/no/yes**
- Headphone / analogue audio: **yes/yes**
- Digital audio electrical (coax) / optical: **no/yes**
- Common interface CI+ / CI: **yes/no**
- VGA / DVI / RS-232C: **yes/no/yes**
- WLAN / LAN / USB: **no/yes/yes**
- Dock made for ipod / works with iphone: **no/no**

ECO

- Energy Label Classification
- AQUOS Link 2: **no**
- No signal off, no operation off: **yes**
- Main power switch: **yes**
- Optical picture control (OPC): **yes**
- ECO button on remote, energy save mode in menu: **yes**
- ECO picture control (EPC): **yes**
- LED backlight: **yes**
- X-GEN panel: **yes**

General

- Other Features
- Cabinet colour: **Piano black and mirror glass front, silver frame**
- Appearance
- Standard / touch buttons: **no/yes**
- Swivel stand: **yes**
- Remote control type
- Power consumption in stand-by (W): **0.2**
- Power consumption operating (W): **71**
- Size with stand (W x H x D in mm): **993 x 707 x 275**
- Size without stand (W x H x D in mm): **993 x 659 x 39**
- Weight with stand (kg): **23.5**
- VESA wall mount (mm): **300 x 300**
- EAN number: **4974019660332**